

Ranya K A Virk

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

153
citations

1478505

6
h-index

1588992

8
g-index

17
all docs

17
docs citations

17
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale chromatin imaging and analysis platform bridges 4D chromatin organization with molecular function. <i>Science Advances</i> , 2021, 7, .	10.3	37
2	Disordered chromatin packing regulates phenotypic plasticity. <i>Science Advances</i> , 2020, 6, eaax6232.	10.3	34
3	Physical and data structure of 3D genome. <i>Science Advances</i> , 2020, 6, eaay4055.	10.3	32
4	Analysis of three-dimensional chromatin packing domains by chromatin scanning transmission electron microscopy (ChromSTEM). <i>Scientific Reports</i> , 2022, 12, .	3.3	18
5	A Call to Diversify the Lingua Franca of Academic STEM Communities. <i>Journal of Science Policy & Governance</i> , 2021, 18, .	0.2	13
6	Characterizing chromatin packing scaling in whole nuclei using interferometric microscopy. <i>Optics Letters</i> , 2020, 45, 4810.	3.3	11
7	Lipid exposure activates gene expression changes associated with estrogen receptor negative breast cancer. <i>Npj Breast Cancer</i> , 2022, 8, 59.	5.2	4
8	Nanoscale Chromatin Imaging and Analysis (nano-ChIA) Platform Bridges 4-D Chromatin Organization with Molecular Function. <i>Microscopy and Microanalysis</i> , 2020, 26, 1046-1050.	0.4	3
9	Development of a Low-Cost, Easy-to-Adopt Diversity, Equity, and Inclusion Program During Crisis. <i>Biomedical Engineering Education</i> , 0, , .	0.7	1
10	Chromatin Reprogramming via Contact Guidance-Induced Nuclear Deformation Promotes Stem Cell Differentiation. , 2021, , .		0